2750 NORTH RESERVOIR SITE

20"
1,242 FT

24"
4,641 FT

12" 1,481 FT

24"
4,803 FT

WELL 2

24" 8,062 FT

WELL 1
12"
1,107 FT

24" 2,164 FT

12"
2,492 FT

24" 2,214 FT

16"
2,993 FT

24"
7,008 FT

24"
2,731 FT

PRESSURE REDUCING STATION

2850 ZONE

2650 ZONE

2750 ZONE

PHASE 1A

Phase 1A Demands		
2850 Zone Max Day Demand	0.277	mgd
2750 Zone Max Day Demand	0.341	mgd
2650 Zone Max Day Demand	0.171	mgd
Total Phase 1A Max Day Demand	0.789	mgd
2750 Zone Fire Flow (Residential)	3,500	gpm
Infrastructure Required for Phase 1A		
2750 Zone Wells @ 1,500 gpm/well	2	wells
2750 Zone Storage Volume	988,000	gallons
Pressure Boosting Station (2850 Zone)	1	station
Infrastructure Required through Phase 1A		
2750 Zone Wells @ 1,500 gpm/well	2	wells
2750 Zone Storage Volume	988,000	gallons
Pressure Reducing Station (2650 Zone)	1	station
Pressure Boosting Station (2850 Zone)	1	station

NOTE: CONTRUCTION WATER MAY BE LIMITED IN PHASE 1A

LEGEND

- ZONE BOUNDARY
- EXISTING PIPELINE
- ADDITIONAL PIPELINE
- EXISITING PARCELS SERVED
- ADDITIONAL PARCELS SERVED

NORTH
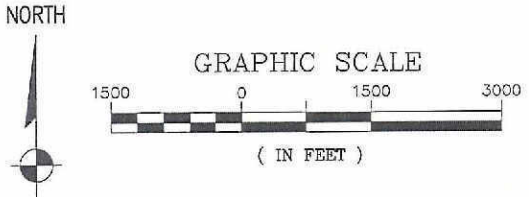
GRAPHIC SCALE
1500   0   1500   3000
(IN FEET)

FIGURE F-1A
PHASE 1A WATER PLAN

GOLDEN VALLEY RANCH
WATER AND SEWER
MASTER PLAN

FEB 2006

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ST-RH038356

Golden Valley Ranch Phase 1A - Residual Pressures During Average Day

Golden Valley Ranch Phase 1A - Residual Pressures During Maximum Day

Prepared By: BJH

Date: Friday, February 10, 2006

Golden Valley Ranch Phase 1A - Residual Pressures During Peak Hour

Prepared By: BJH

Date: Friday, February 10, 2006

ST-RH038359